

01-11-01

GAX 37378

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: BIEL, Merrill A.

Serial No: 09/514,070

Filing Date: February 26, 2000

Title: Photodynamic Therapy Utilizing a
Solution of Photosensitizing Compound
and Surfactant



Attorney Docket No.: 22,272-14

Art Group Unit: 3737

Examiner:

Transmittal

Assistant Commissioner of Patents
Washington, D.C. 20231

TRANSMITTAL

Sir/Madam:

Enclosed for filing please find the following:

1. Preliminary Amendment;
2. Check in the amount of \$1098.00; and
3. Return Receipt Post Card.

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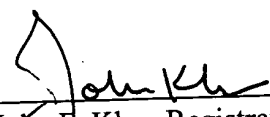
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Please direct any questions or comments to John F. Klos at (952) 896-1520.

Respectfully submitted,

Date: January 9, 2001.

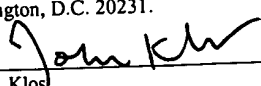
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Date of Deposit January 9, 2001

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John F. Klos

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PRELIMINARY AMENDMENT

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Before any Office Action is issued on the above-captioned application, please enter the following Preliminary Amendment to the specification:

In the Claims:

- Sub 1
1. (amended) A method of [treating] photoeradication of cells comprising the steps of:
- identifying an area of [infection or an area of sterilization or an area of cancer] cell activity;
- applying a concentration including a combination of a surfactant and a photosensitizing [dye compound] agent to the area of [infection or the area of sterilization or the area of cancer] cell activity, said surfactant producing a disorientation of a cell membrane so that said cell membrane no longer functions as an effective osmotic barrier; and
- exposing the area of [infection or the area of sterilization or the area of cancer] cell activity [with] to a light having a light wavelength, light dosage and a light dosage rate.
2. The method of photoeradication of cells of claim 1 wherein the light wavelength ranges from about 400 nm to about 800 nm, the light dosage ranges from about 10 J/cm² to about 100 J/cm² and the light dosage rate ranges from about 50 mw/cm² to about 200 mw/cm².

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